

CURRICULUM VITAE

Personal Information

Name: Jianbo Fang

Date of Birth: 22 April, 1994

Nationality: China

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Address: Chinese Academy of Sciences, South China Botanical Garden, Xingke Road 723, Guangzhou 510650, Guangdong, Peoples R China.

Education

09/2019 – present

Ph.D.: Ecology

Chinese Academy of Sciences, South China Botanical Garden (CAS-SCBG)

09/2016 – 06/2018

Master of Science (MSc): Landscape Architecture

College of Forestry and Landscape Architecture, South China Agricultural University

09/2012 – 09/2016

Bachelor of Agriculture (BA): Landscape Architecture

College of Life Science, Shangrao Normal University

Research Topic

I focus on atmospheric pollution, VOCs emissions, and microbial ecology, especially the interactions between plant secondary metabolites and microbiomes. At present, my main research contents include: 1) quantitative research on BVOC emissions (mainly terpenoids) from plants under multiple factors (nitrogen deposition and precipitation regime change) in subtropical evergreen broad-leaved forests in South China; 2) the effects of N deposition and precipitation regime change on the structure and functional characteristics of leaf epiphytic and endophytic microbial community.

Publications

Fang Jianbo, Dong Qiyu, Shen Weijun, et al. Variation in Near-Surface Airborne Bacterial Communities among Five Forest Types. *Forests*, 2020,11(5615).

Dong Qiyu, **Fang Jianbo**, Huang Fei, et al. Silicon Amendment Reduces Soil Cd Availability and Cd Uptake of Two Pennisetum Species. *International Journal of Environmental Research and Public Health*, 2019,16(16249).

Fang Jianbo, Dou Ning, Zhang Heng, et al. Effects of Three Kinds of Plant Growth Regulators on Root Morphology of *Michelia macclurei*. *Forestry and Environmental Science*, 2017, 33(5): 56-61 (in Chinese with English abstract)

Projects partition

Participated in *The National Science Fund for Distinguished Young Scholars* “Microbial regulation mechanism of soil ecological process in evergreen broad-leaved forest in response to environmental changes”

Participated in *National Natural Science Foundation of China (NSFC)* “The role and regulation mechanism of mycorrhizal fungi in soil nitrogen transformation under N deposition and precipitation regime change in subtropical forests”

Honor & Awards

Second-class of excellent graduate scholarship, Shangrao Normal University, 2015

Outstanding Graduates Awards, Shangrao Normal University, 2016

Second-class of excellent graduate scholarship, South China Agr University, 2017

Third-class of excellent graduate scholarship, South China Agr University, 2018

Merit student, University of Chinese Academy of Sciences, 2020

Supervisor

Prof. Weijun Shen

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